



# NORTH CAROLINA

Department of Transportation



# Integrated Mobility Division Transit Systems Call

June 15, 2022

# AGENDA

- Finance updates
- Procurement updates
- Grant Admin. updates
- Other Updates and Reminders
  - IMD Partner Survey
  - Microtransit updates
  - Planning calendar
  - Bike helmet initiative
- Questions
- Training

# Finance Updates



# Finance Reminders/Updates

- Final claims must be submitted by July 30, 2022 for all projects ending June 30, 2022.
- Please double check your claims using the claim checklist before submittal.
- If your budget is currently in overdraft, you will need to submit a change request to balance your budget before submitting your final claim.
- NCDOT is now requiring all subrecipients to participate in our ACH payment program due to the shortage of printing supplies such as paper and envelopes

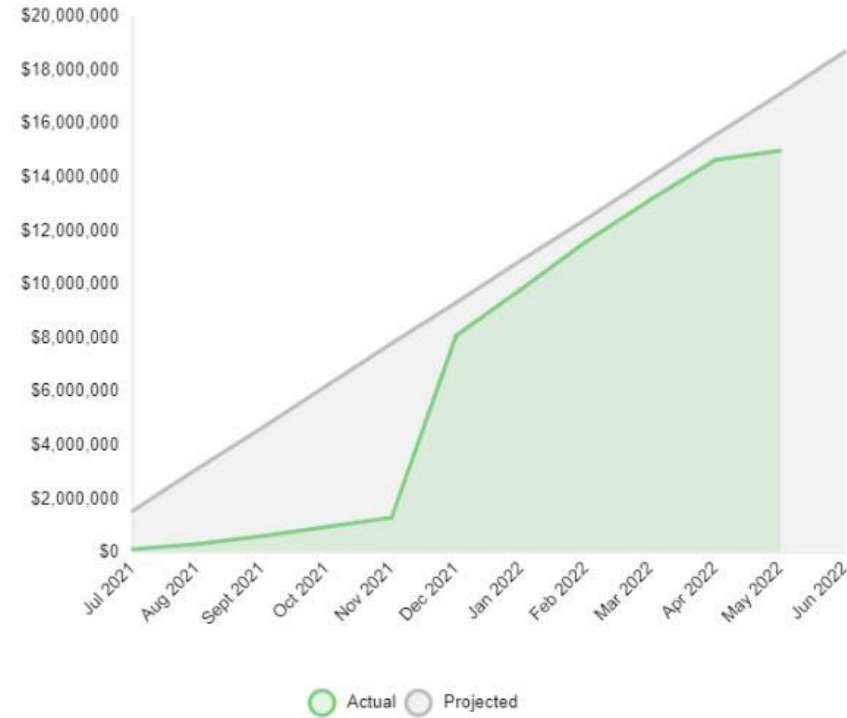
# ROAP Updates as of June 14, 2022

## ROAP Overview DASHBOARD

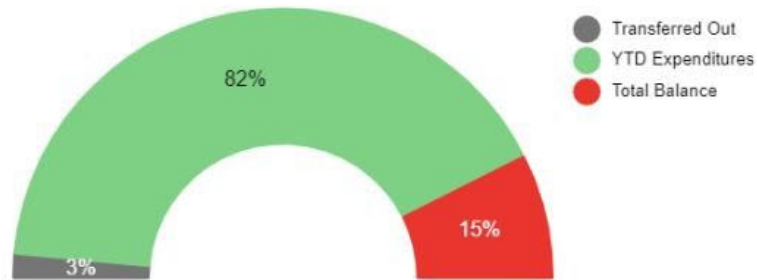


Overall ROAP Stats		
Primary	Amount	% Total Allocation
<b>ROAP Allocation</b>	\$18,664,415.00	
<b>Transferred Out</b>	\$545,890.34	3%
<b>YTD Expenditures</b>	<b>\$15,341,944.60</b>	<b>82%</b>
<b>Total Balance</b>	<b>\$2,776,580.07</b>	<b>15%</b>
		% Expended from Net Allocations
<b>EDTAP Expenditures</b>	\$7,168,435.73	86%
<b>EMPL Expenditures</b>	\$2,466,513.55	114%
<b>RGP Expenditures</b>	\$5,706,995.32	37%

### Actual vs Projected Expenditures



### Expenditure Progress



\*The transit systems had the option to roll up July - December reports into the December data for SFY2022.

# Procurement Updates

# Procurement Contract Updates

- Raised Roof Van/LTV Contract Status Update
  - Currently finalizing the bid posting for an NCDOT-specific contract for LTVs and Raised Roof Vans (including alternative fuel types such as CNG, propane, electric)
    - Mid-roof and high-top RR vans
    - 20ft, 22ft, 25ft and 28ft Light Transit Cutaway-type Vehicles (LTV)
  - Bid review has been completed by NCDOT Purchasing and NCDOT Legal; awaiting final review by NC Division of Purchase and Contract before final bid posting
  - Currently projecting that contract awards will take place by September of 2022
- Technology RFP (Scheduling Software and Supporting Tech)
  - Currently projecting that the bid will be posted by the end of June 2022 (awaiting final review by NCDIT Legal)
  - Currently projecting that contract awards should take place by October of 2022

# Procurement Updates

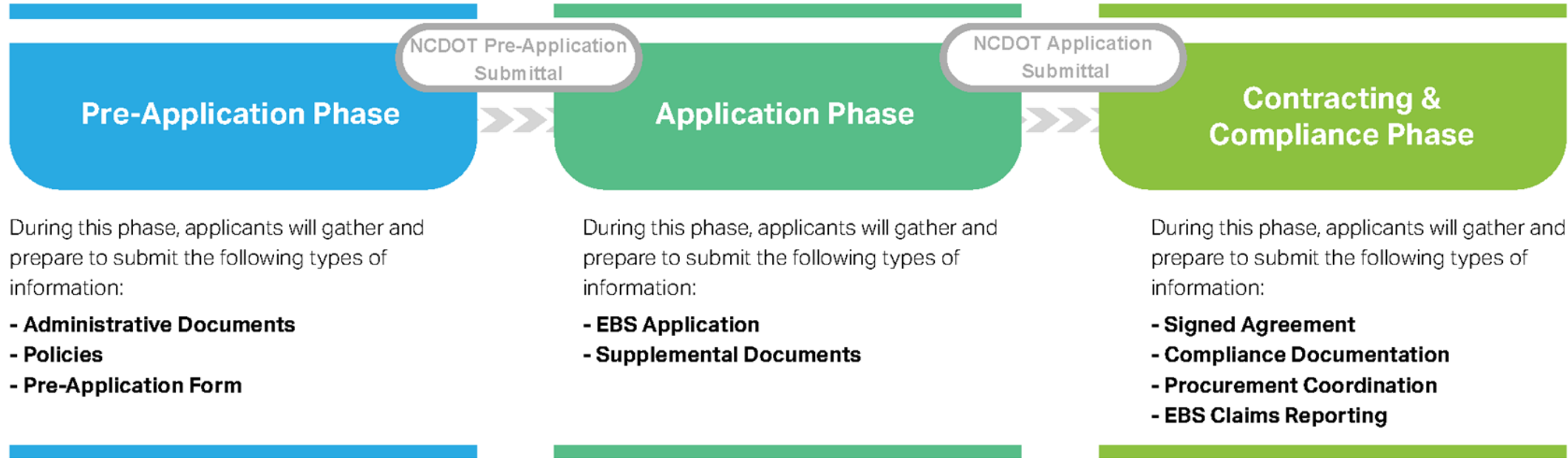
- Bipartisan Infrastructure Law Disposition Requirements
  - At the end of useful life, when any vehicles, equipment or supplies with a fair market value over \$5,000 are sold:
    - The subrecipient retains \$5,000 and the local share of the remaining proceeds
    - Remaining funds must be returned to the state (excess federal share will be sent back to FTA via pay.gov)
    - This is applicable for any vehicles, equipment or supplies that were sold after November 15, 2021 (when the bill was signed into law)
    - <https://www.transit.dot.gov/funding/grants/fta-program-fact-sheets-under-bipartisan-infrastructure-law>



# Grant Administration



## Unified Grant Application (UGA) Process



➤ Pre-Application Period open and underway – complete by mid June

### Key Updates

- FY24 5311 Admin & Operating formula allocation released in May through assigned RGS
- Application Phase: EBS Applications will open July 1 2022 – Due date is October 7, 2022.
- Pre-Application Quick Reference Guide issued June 1<sup>st</sup> with a recorded training available for review.

### **\*\*FY 24 Capital Application will open in late Fall 2022 – Est. Nov 1<sup>st</sup>**

- State vehicle contract will determine pricing – releasing application after contract is complete will ensure accurate pricing and costs to be covered.

# Recent Grant Administration Updates

## FY 24 EBS Applications – New platform

### New! Web based Fiore application platform

- Works with any internet browser
  - BETA tested with transit systems
- New Section for requested projected Quarterly Cash Flow
  - Cashflow feature will help budget/plan for expenditures, track progress toward planned expenditures, and ultimately have more information to plan for future fiscal years and communicate spending patterns to the General Assembly.
  - EBS Team will host lightening training today

# Recent Grant Administration Updates

5339 Small Urban Funding Path Forward

\$1.2M Federal Funds for Small Urban (50k-200k pop)

Recent outreach for input on (3) proposed approaches: Hybrid Model Selected

- A. **Formula** – Use formula based on the 5307 GA for all (5339 Sm Urban and 5311/5339);
- B. **NCDOT discretion** – Continue to use the discretionary combined capital funding process, & include ALL possible recipients of the funds (all eligible apply to NCDOT, discretionary selection for Sm Urban)
- C. **Hybrid** – *Divided by formula for the largest recipients(split letter allocation) & reserve 1/2 of the funds to be allocated using the discretionary combined capital process for the smaller recipients (5311/5339).*

# Grant Administration

- 5307 Transition Updates
  - (4) Under Review with FTA subject matter experts
    - (Davidson, Union, Rowan, Iredell)
  - (2) Followed-up for additional info and awaiting FTA review - (Alamance, Cabarrus)
  - (2) FTA awaiting further info for requested follow-up (Guilford, Orange)
  - Ongoing work with FTA on unobligated balances
  - Website: <https://connect.ncdot.gov/business/Transit/Pages/5307-Transition.aspx>
- NCDOT working with each transitioning subrecipient and FTA to resolve unobligated balances

# Other Updates & Reminders

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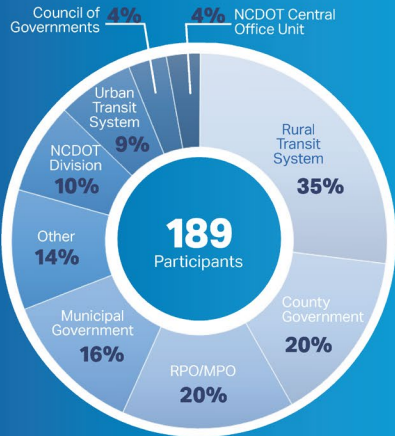


# 2022 IMD PARTNER SURVEY RESULTS

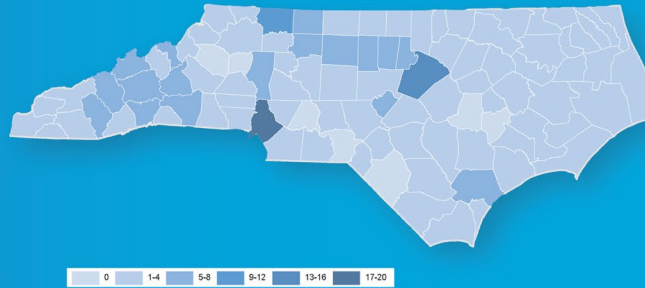


NCDOT Integrated Mobility Division launched the 2022 Partner Survey to gather feedback from transit agencies, planning organizations, and internal NCDOT units, and to establish a vision for future mobility in North Carolina.

## Participants

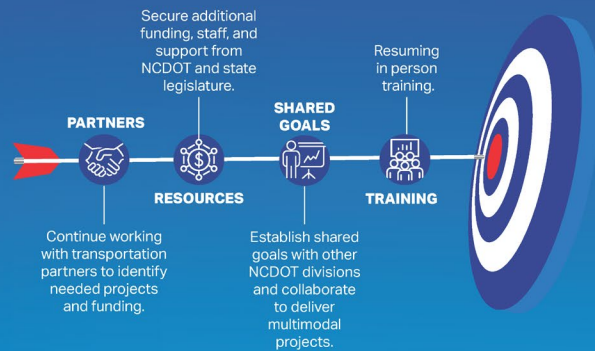
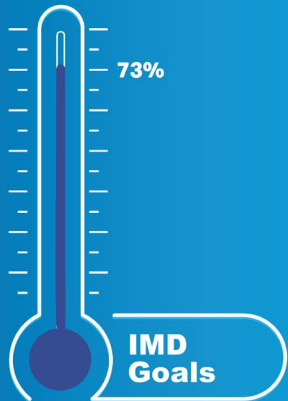


## Number of Responses by County



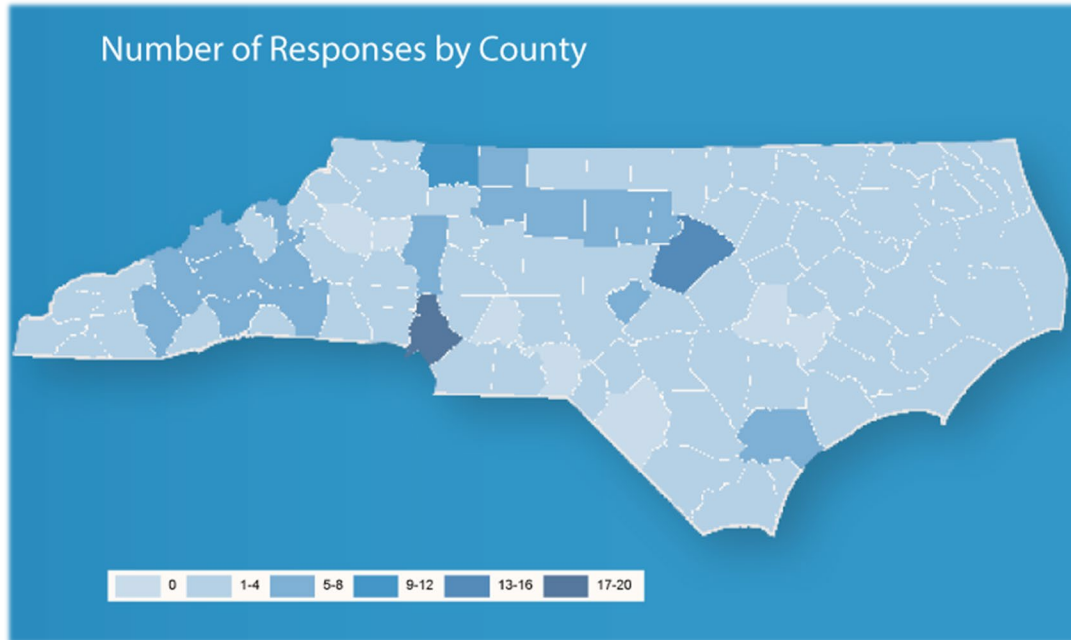
## How can IMD better achieve its goals?

### Goal Alignment with your Organization



# 2022 IMD Partner Survey

# IMD Survey Audience and Responses by County



- The total of 207 distinct zip codes from survey respondents reflects a broad spectrum of reach across the state and includes a large swath of representation from within the different organization types.

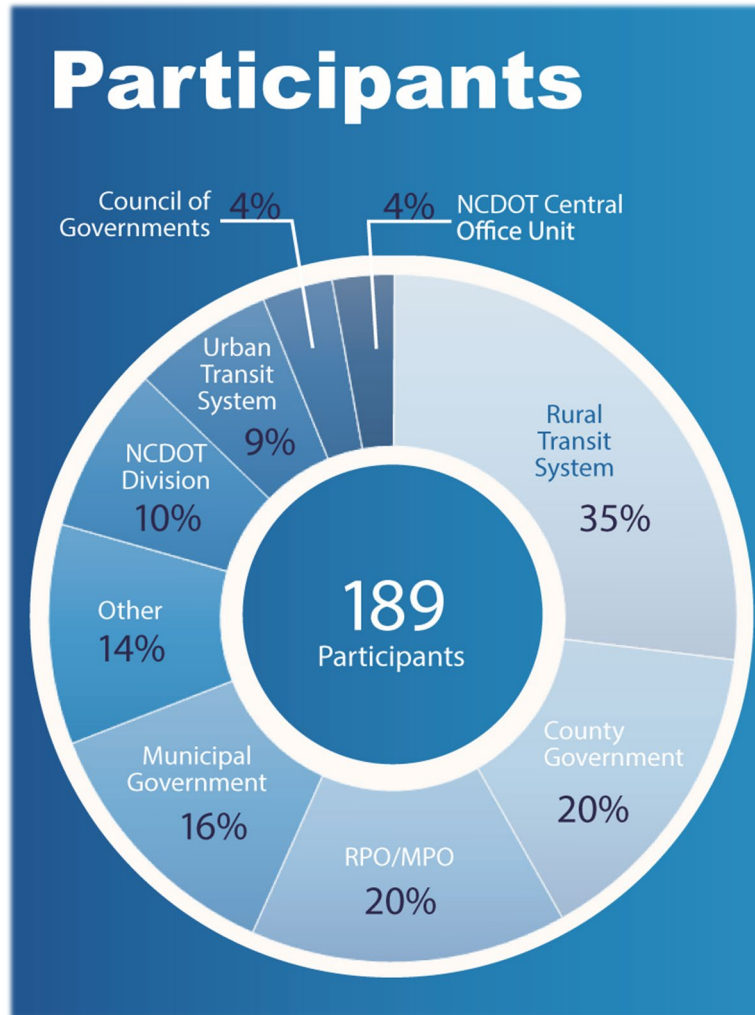
- The Public Input survey was directed toward transit agencies, partners, internal NCDOT offices and units, and other community organizations and was open from March 7-25, 2022.

- Its purpose was to solicit input for developing future goals and objectives for IMD and to help shape the future of integrated mobility within the state.

- A total of 57 possible questions were included in the survey with 20 minutes being the estimated time for completion.



# IMD Survey Participants – Organization Types



- Of the 247 agencies represented by survey respondents, there are more than 9 organizational types represented as survey participants, with the vast majority working in some aspect of transit; rural transit was the most common.
- Of the respondents that identified an organization type, the top three (3) types were: NCDOT Central Office Unit, NCDOT Division, and Municipal Government.
- At the end of the survey period, there were 189 participants and 1,091 comments.

## Key Takeaways from Responses

- IMD received high marks for:
  - Professionalism
  - Accuracy of technical assistance
  - Response time
  - Transportation vision
  - Overall satisfaction
- Areas for improvement identified:
  - Improved training for transit agencies
  - Streamlining and simplifying procedures
  - Increasing awareness and understanding of local issues

# Survey Recommendations and Comments

## How can IMD better achieve its goals?

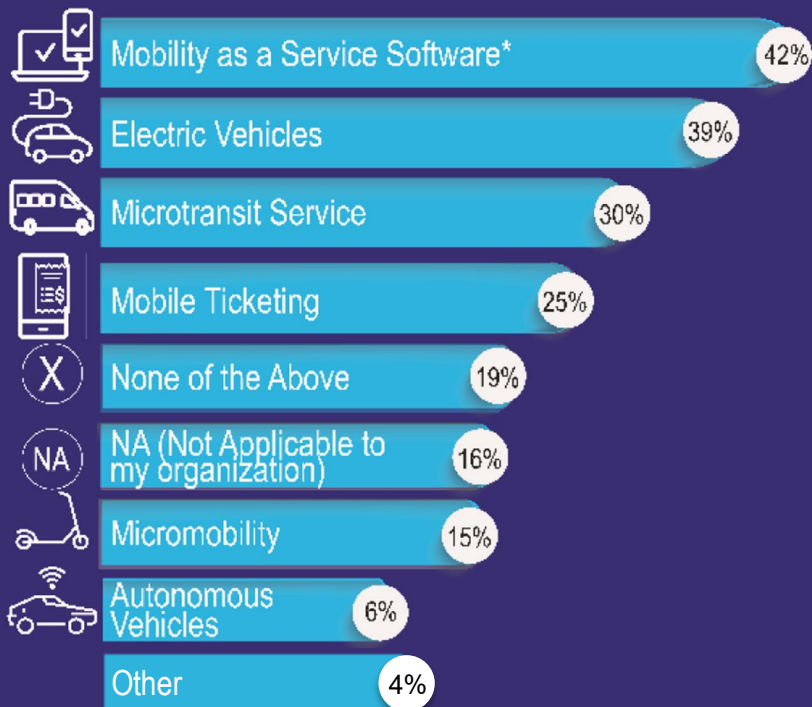


- Overall, service satisfaction was highest for IMD Professionalism and lowest for IMD Knowledgeable about Organization Issues.
- Overall satisfaction is a direct correlation with average response times.
- Overall Satisfaction correlates with years working with IMD, whereas the shorter the duration working with IMD, the higher the overall satisfaction – which could indicate that respondents are more satisfied with recent interactions compared to past ones.



# Future of Mobility and Transit Trends

What does the ideal future of mobility look like in my region?



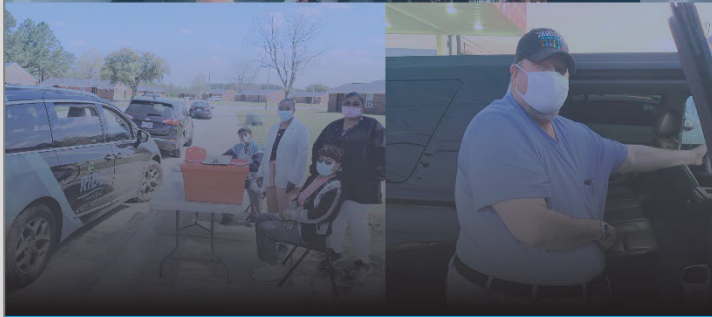
- Excluding “No Response,” the top 3 leading future trends among all organization types are mobility as a service software, electric vehicles, and microtransit service.
- The least popular mobility trend that recipients believe will be widely adopted within the next 5 years is autonomous vehicles.
- There is a clear desire and/or demand for mobility as a service and mobile ticketing in mostly rural areas. Possible rationales include the lack of infrastructure in rural areas and the need to reduce staffing burdens with automation.
- Municipal governments were focused on electric vehicles and microtransit.

# Microtransit



# Mobility for Everyone, Everywhere in NC (MEE NC)

## Mobility for Everyone, Everywhere in NC (MEE NC) FY 2022 USDOT Rural Surface Transportation Grant Application



### FY 2022 USDOT Rural Surface Transportation Grant Summary

**Mobility for Everyone, Everywhere in NC (MEE NC)** will accelerate the deployment of high-quality, on-demand transit services to rural, low-income communities throughout North Carolina, leading to more equitable mobility and improved access to opportunities, services, and resources for transportation disadvantaged populations.

**811k** SERVED BY ON-DEMAND MOBILITY  
**45%** PEOPLE OF COLOR ON AVERAGE IN MEE NC SERVICE AREAS  
**89** HISTORICALLY DISADVANTAGED COMMUNITIES SERVED

On-demand mobility is a technology-enabled service typically using shuttles or vans to provide pooled responsive transit with dynamic routing.



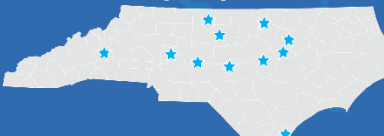
#### On-Demand Mobility Benefits

- ▷ More efficient and responsive service that responds to rider demands
- ▷ Increases flexibility when planning and scheduling trips
- ▷ Provides transit to low density, hilly, or otherwise difficult to serve areas
- ▷ Does not require advance reservations
- ▷ Serves late-shift workers and those with unpredictable schedules
- ▷ Generates robust data and insights on trip behavior
- ▷ Assists with providing paratransit services
- ▷ Offers a public, subsidized form of rideshare services

#### Equity for Everyone, Everywhere

- ▷ Reaches underserved communities not served by fixed routes or unable to access a personal vehicle
- ▷ Provides more responsive service with shorter wait times and a higher level of service
- ▷ Improves access to essential services, healthcare, and employment opportunities, which improves quality of life
- ▷ Creates a system responsive to evolving needs and public feedback
- ▷ MEE NC service areas are 45% non-white with 20% living below the poverty line, compared to North Carolina at 31% and 15% respectively
- ▷ 262 census block groups in participating communities have poverty rates greater than 2x the statewide average and 149 block groups have people of color populations greater than 2x the statewide average

#### MEE NC Participating Communities



Alamance County Transportation Authority  
 City of Sanford  
 City of Wilson  
 Kerr Area Regional Transit  
 McDowell County Transportation  
 Johnston County Area Transit  
 Randolph County

Rockingham  
 Salisbury Transit System  
 Tar River Transit  
 Wave Transit



# Updated Microtransit Overview

## Microtransit Overview



### WHAT IS MICROTRANSIT?

A technology-enabled transit service that typically uses shuttles or vans to provide pooled on-demand transportation with dynamic routing



### Service Models



#### Software as a Service (SaaS)

Provides the software and the transit agency provides the drivers, vehicles, and operations management.

#### Transportation as a Service (TaaS) / Turnkey

Provides the drivers, vehicles, software, and operations management as a turnkey solution on behalf of the transit agency.

### Overview

#### Benefits

- ▷ More efficient and responsive service that responds to rider demands
- ▷ Provides transit to low density, hilly, or otherwise difficult to serve areas
- ▷ Does not require advance reservations
- ▷ Flexible for serving late-shift workers and those with unpredictable schedules
- ▷ Robust data and insights on trip behavior
- ▷ Assists with providing paratransit services

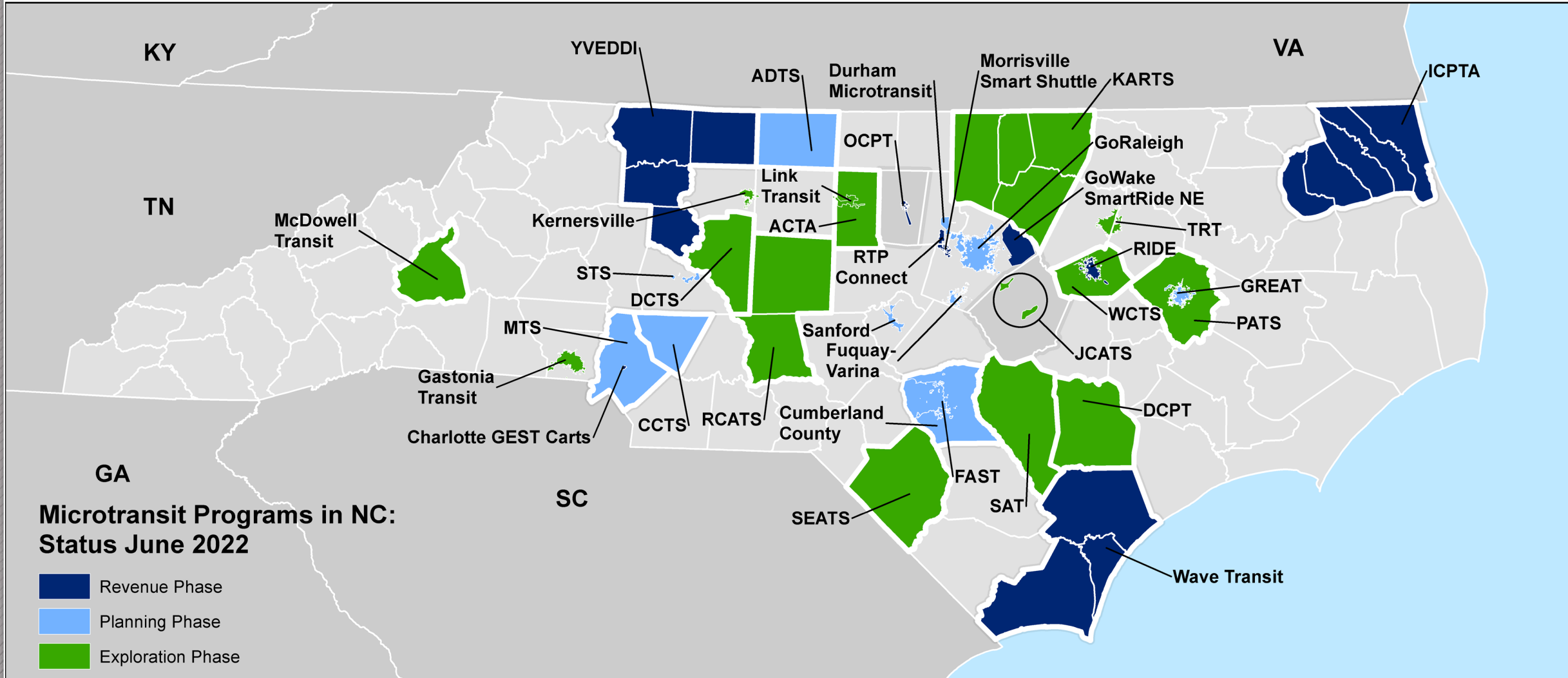
#### Potential Challenges

- ▷ Implementing changes to transit agency staff and vehicle fleets
- ▷ Data gatekeeping by microtransit companies
- ▷ Less control over cost increases
- ▷ More responsive service may require additional resources due to increased demand
- ▷ Equitable access for unbanked riders and those without mobile app access
- ▷ More responsive service often increases demand, requiring additional resources

Application Website:

[Mobility for Everyone, Everywhere in North Carolina \(MEE NC\) \(ncdot.gov\)](https://www.ncdot.gov/mee-nc)

# Current Microtransit Programs



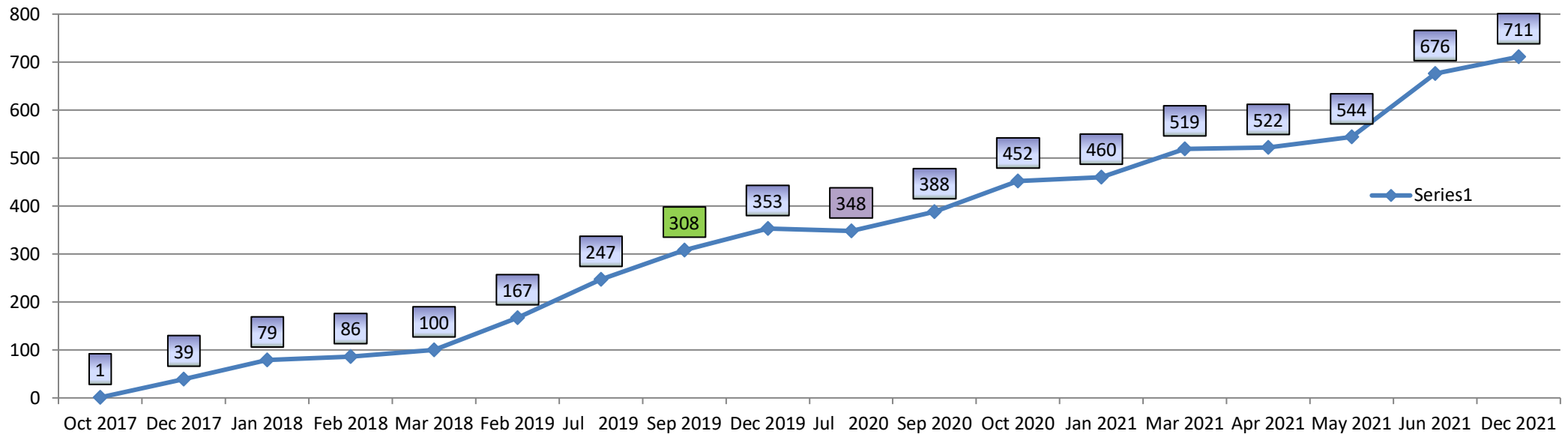
# YVEDDI MICROTransit





# Background

- October 2017 YVEDDI started a deviated fixed route in Mocksville
- We used 5311 Operating funds (50%) and RGP funds (50%)
- 1<sup>st</sup> Goal- 300 boardings per month achieved Sep. 2019



# Covid-19

As a response to the Covid-19 pandemic:

- All trips had to be called in
- No pick-ups without prior dispatch approval
- Social distance maintained
- Mileage per month DECREASED and boardings increased
- After learning of City of Wilson microtransit success we decided to convert our DF routes (2) to microtransit

# Converting to Microtransit

- Sep 2021 we hired a planner using local funding
- We surveyed riders, met with local officials and started a steering committee
- Public outreach was completed
- Public hearings were advertised and held
- YVEDDI Board of Directors approved the conversion in December 2021
- Conversion proposal document forwarded to NCDOT
- CTS Rider Portal purchased April 2022
- Microtransit Pilot started late April

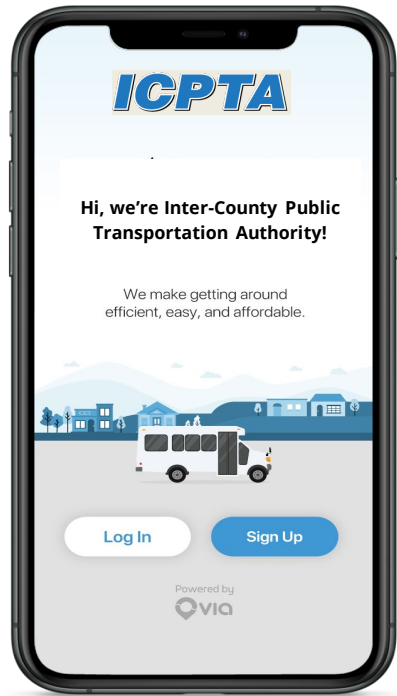
# Final Thoughts

- During the height of Covid, we were operating as microtransit
- The reason to convert obvious to us: Efficiency
- Riders have embraced the technology because it is easy peasy
- Ride requests are automatically routed into the CTS scheduling dashboard but Dispatch still approves and the software recommends a route, one click to schedule
- Ride numbers have remained relatively flat but we expect continued incremental growth in rides
- Questions?

# ICPTA



# We are "Live" with VIA



VOC Home - ICPTA N Carolina x +

icpta-icp.ridewithvia.com

Apps Grants for Buses an... VOC Login Public Transportation Kinetik | Login FY2024 SmartSheet

ICPTA N CAROLINA • 10:17 AM | VOC HOME Search VOC

**ICPTA N Carolina**  
is currently live

24/7 Service

Friday, May 27 10:17 AM

**Hey Herb,**  
Welcome to Via  
Operations Center

Updated today at: 10:17 AM

**Today's data**

Total rides	262
Planned rides	149
Number of vehicles	13
Unavailable vehicles	0
Passengers	267
No Show	0

News (0)

Keep your team updated.  
**Share the latest news now.**

+ Add item

Your input wanted!

**Like your new homepage?**

Share feedback

HM

Type here to search

78°F Partly sunny 10:17 AM 5/27/2022

DAILY PLAN < Today >

Search

Filter

1

Drivers 13

06:30 07:00 07:30 08:00 08:30 09:00 09:30 10:00 10:30 11:00 11:30 12:00 12:30 13:00 13:30 14:00 14:30

30036 • 30052 • Elizabeth\_City\_Extended\_Only



30042 • 30031 • Elizabeth\_City\_Extended\_Only



13 shifts found X



Notifications 🔊 ☰ ⚙️ ✕

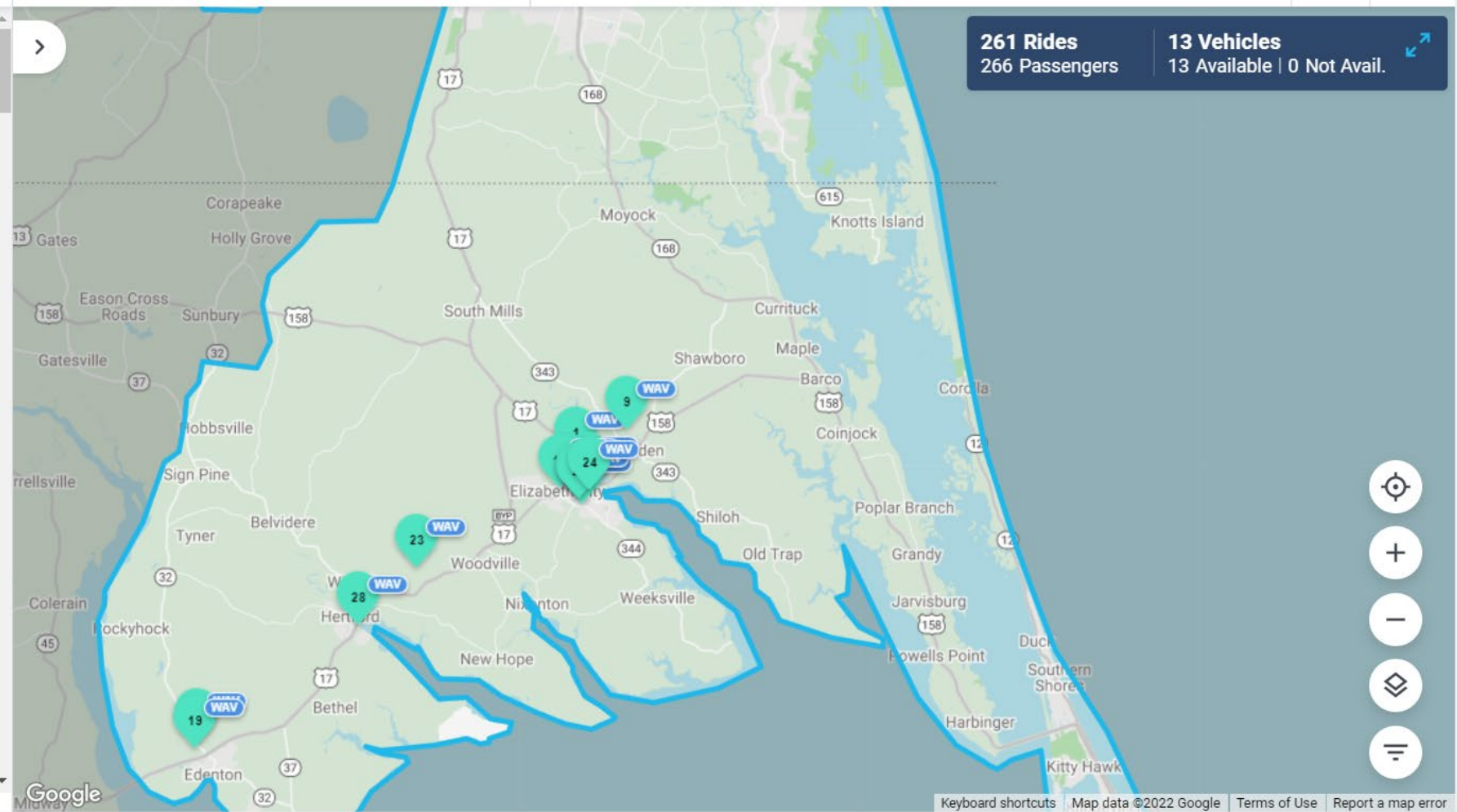
Search by ▾ Search 🔍

📶 0 | 📱 0 | 🚫 0 | 📅 1 | ● 0 | ● 0 | ● 0 | 📊 ☰

- 🚗 Successful Dropoff (by driver) ➤  
Now ████████████████████
- 🚗 Successful Dropoff (by driver)  
2m ████████████████████
- 🚗 Vehicle At location (by driver)  
2m ████████████████████
- 🚗 Successful Dropoff (by driver)  
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- 🚗 Vehicle At location (by driver)  
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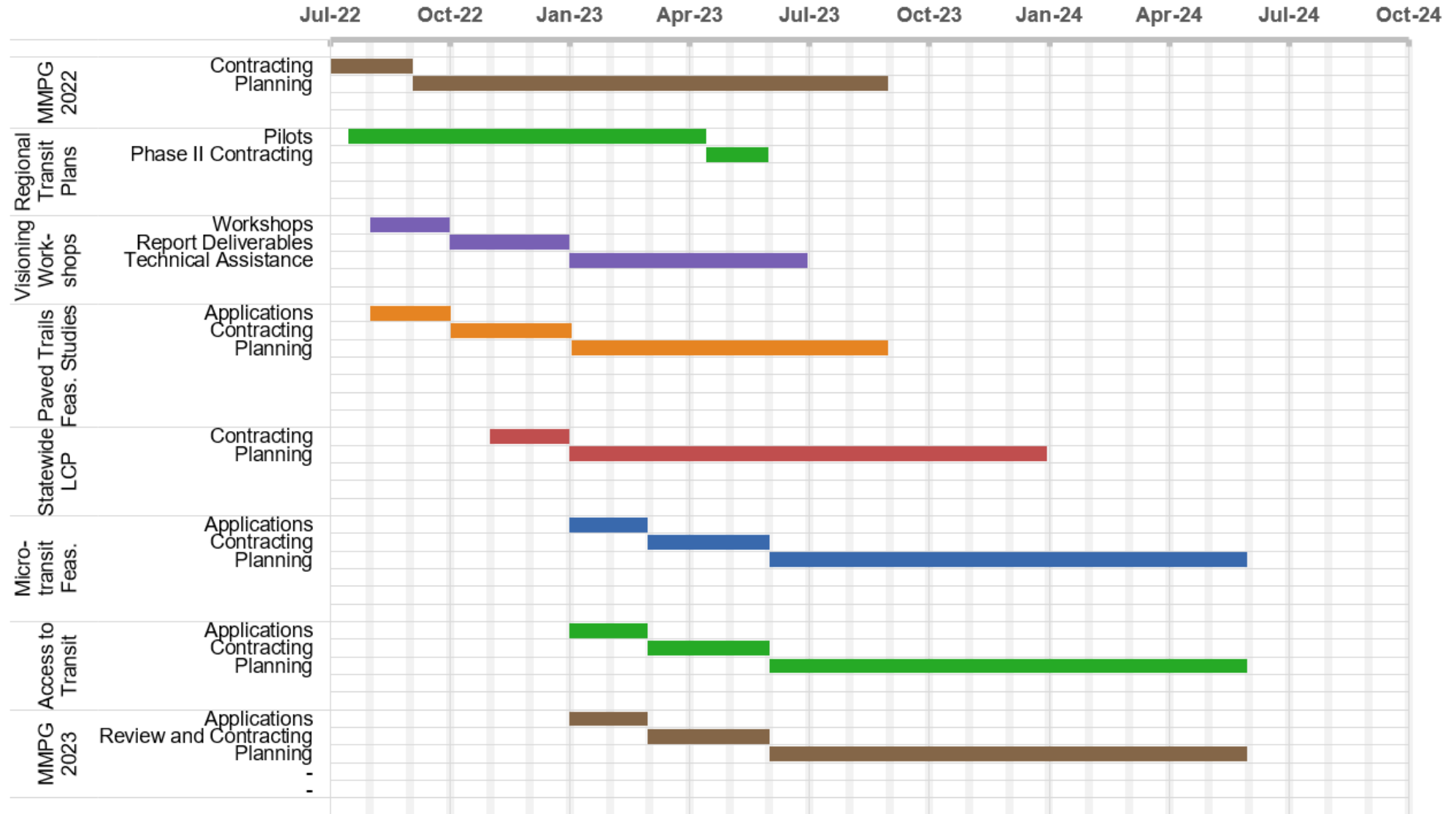
**261 Rides**  
266 Passengers

**13 Vehicles**  
13 Available | 0 Not Avail.





# IMD Planning Calendar FY23

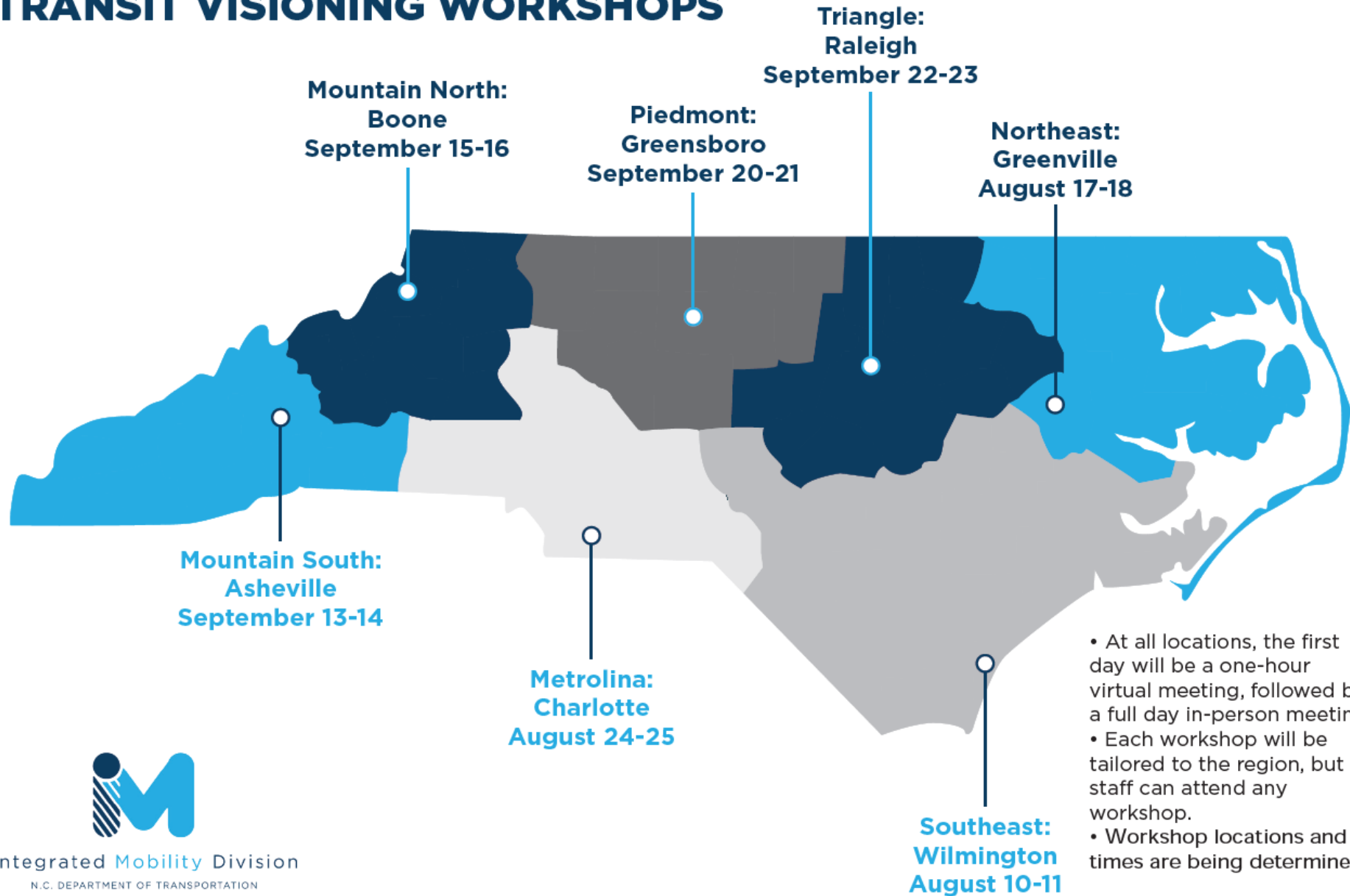


# Transit Visioning Webinar - June 21st

## Webinar Agenda

- Jarrett Walker, Transit Consultant, [Jarrett Walker and Associates](#) and [Human Transit Blog](#)
- Marcela Moreno, AICP, Transit Technologist, [National Center for Applied Transit Technology](#)
- Tim Palermo, Planning & Data Analytics Manger, [Denton County Transportation Authority](#)
- Lora B. Byala, AICP, Founder & CEO, [Foursquare Integrated Transportation Planning](#)
- Gibran Hadj-Chikh, Project Manager & Co-Lead for Urban Transit and Emerging Technologies, [Kittelson & Associates](#)

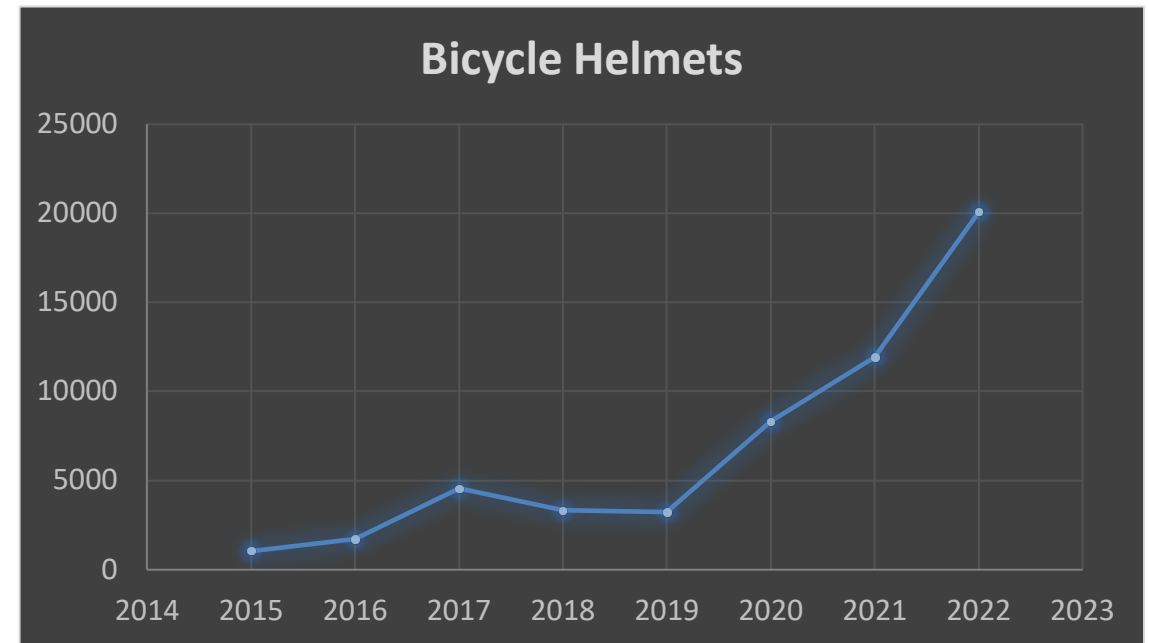
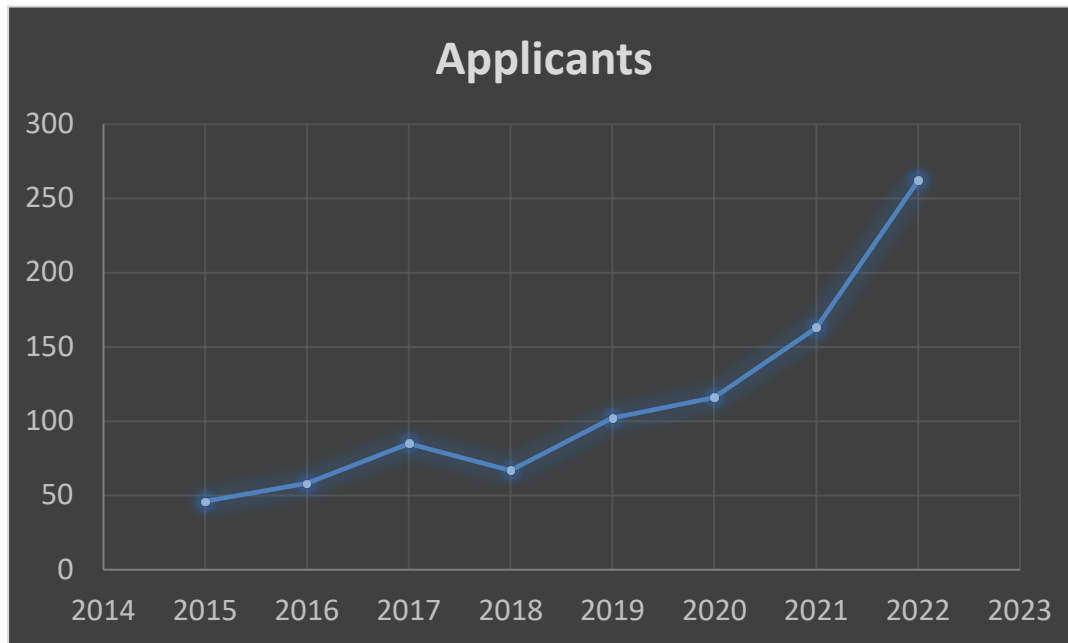
# TRANSIT VISIONING WORKSHOPS



Integrated Mobility Division  
N.C. DEPARTMENT OF TRANSPORTATION

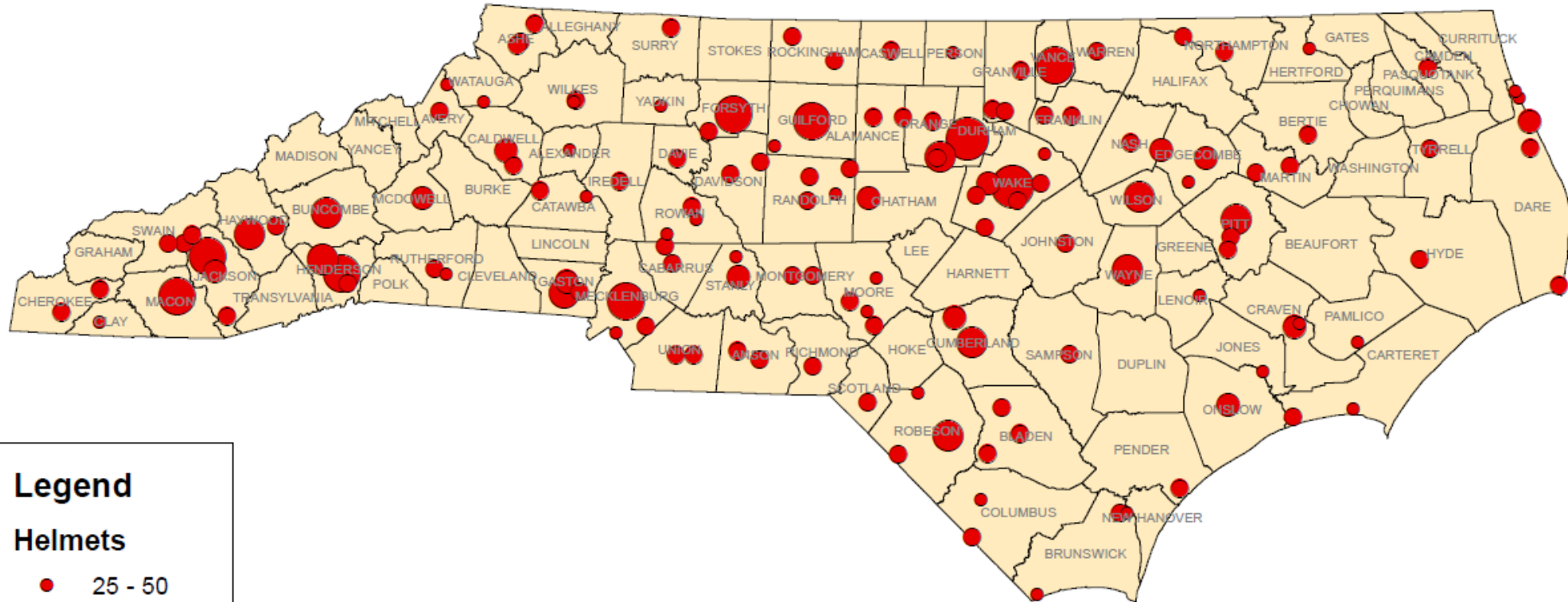
# Bicycle Helmet Initiative

- Funded by proceeds from North Carolina's ["Share the Road" specialty license plate](#), the program distributes helmets to government and non-government agencies conducting bicycle safety events for underprivileged children.



[Web Link](#)

# 2022 Bicycle Helmet Initiative



## Legend

### Helmets

- 25 - 50
- 51 - 125
- 126 - 200
- 201 - 400
- 401 - 800
- 801 - 1200

[Web Link](#)

# Training Opportunities

## Drug and Alcohol Program Management & Compliance

June 27 – 29, 2022 from 9:00 AM – 12:00 PM Each Day

**Attendance for ALL 3 days is REQUIRED to receive a certificate**

Designed for transit administrators and Drug and Alcohol Program Managers

Presented by RLS and Associates

## Training Opportunities

# Reasonable Suspicion Determination Training

June 30, 2022 from 9:00 AM – 12:00 PM

**Attendance, Participation and Passing a “post-webinar” quiz is  
REQUIRED to receive a certificate**

ALL agencies should have at least one individual, that comes into contact with safety sensitive employees prior to the beginning of their shift, “certified” in Reasonable Suspicion Determination

Presented by RLS and Associates

# Transit Communication Hub

IMD Calendar (Website) (View Only) : smartsheet Report Abuse Help

Calendar View Filter

May 2022 1 Month

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
May 1	2	3	4 2022 Board of Transportation	5 Vehicle Utilizat	6	7
8	9	10	11 Transit system	12	13	14
15	16 Fully Allocated	17	18	19	20	21
22	23	24 New Director's	25	26 New Director's	27	28
29	30 Monthly Claim Monthly ROAP	31	June 1	2	3	4

**View Detail**

**Event Name**  
Transit System Meeting @ 1pm

**Date**  
05/11/22

**End Date**

**Time**  
1pm

**Link**  
<https://global.gotomeeting.com/join/202588893>

**Description**










Close



# Transit Communication Hub

Monthly Claims Due (w/DBE and Progress Reports)	04/29/22
Quarterly Claims Due (w/DBE and Progress Reports)	04/29/22
OpStats Due (CT and Large Urban)	04/29/22
Monthly ROAP Report Due for March 2022	04/30/22
2022 Board of Transportation	05/04/22
Vehicle Utilization Data Week 2 FY22 Due Back (VUD) (CT)	05/06/22
Transit System Meeting @ 1pm	05/11/22
Monthly Claims Due (w/DBE and Progress Reports)	05/30/22
Monthly ROAP Report Due for April 2022	05/30/22
Transit System Meeting @ 1pm	06/08/22
2022 Board of Transportation	06/08/22

## Communications

✓ Date Sent	📄 Name	Subject
4/27/2022	 NCDOT-IMD State Management Plan Updated March 2022 _Corrected Link_	Announcements
4/20/2022	 Rural Microtransit Funding Opportunity – Call for Interest Due April 25	Announcements
4/19/2022	 Federal Mask Requirement Extended to 05_03_2022 for Public Transportation - Rescinded	Announcements
4/18/2022	 Federal Mask Requirement Extended to 05_03_2022 for Public Transportation	Announcements
4/6/2022	 VW Settlement_ NC Phase 2 Transit and Shuttle Bus Program	Announcements
4/6/2022	 RE_ FY24 Call for Projects and Unified Grant Application (UGA)	Grant Call
4/4/2022	 Program Income - 040422	Announcements
4/4/2022	 FY24 Call for Projects and Unified Grant Application (UGA)	Grant Call
3/31/2022	 Charter Reports FFY22 Q2	Announcements

# QUESTIONS



Previous slides, recordings and FAQs:

<https://connect.ncdot.gov/business/Transit/Pages/Transit-Meeting-Resources.aspx>

Provide feedback and ideas for topics:

<https://app.smartsheet.com/b/form/f626a9fbbd7649e4ba4dd45b3bedbcfd>

# EBS Application Training

- New Changes as of 7/1/22
  - 1. Fiori based Application forms**
    - Works on All browsers & devices
    - Displayed as new tiles
      - Planning
      - Capital
      - Admin
    - Ability to cancel an application for Sub-Recipients before submitting
    - Ability to attach documents before submitting
    - Ability to easily view current and historic applications and their statuses
  - 2. Cashflow Projections**
    - Projected quarterly cashflows required for each application request
    - All applications are required to submit cashflow projections as part of the application form
    - All change requests will have the cashflow table for systems to make changes to projections/adjust cashflow based on increase/decrease in funding.
    - You can create a change request to update the current active agreements with cashflow projections.
  - 3. Status Reporting**
    - Automated Project status report as part of as part of Claims and will be mandatory.